## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
|      |      | (growth near3 surface) same windows same ((vary\$3 or different\$3) near3 (open\$4))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2011/04/27<br>15:07 |
|      |      | (growth near3 surface) same windows same ((vary\$3 or different\$3) near3 (open\$5))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2011/04/27<br>15:07 |
|      |      | ((257/E51.018-E51-022).CQLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR                  | OFF     | 2009/10/26<br>14:13 |
|      |      | (257/E51.018-E51-022,E33.001-E33.077).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR                  | OFF     | 2009/10/26<br>14:12 |
|      |      | (257/13,79-103,E51.018-E51-022,E33.001-E33.077).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR                  | OFF     | 2009/10/26<br>14:12 |
|      |      | A method of making LED chips.claim.  | US-PGPUB;<br>USPAT; USOCR   | ADJ                 | ON      | 2008/11/04<br>16:14 |
| L1   | 1251 | (438/26). CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR                  | OFF     | 2011/04/27<br>13:45 |
| L2   | 2    | ((growth near3 surface) and (window or opening) and (average near3 extent) and (statistically near3 (window or opening)) and singulat\$4).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2011/04/27<br>13:46 |

| L3 | 2  | ((growth near3 surface) and (window or opening) and (average near3 extent) and (statistically near3 (window or opening))).clm.                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/04/27<br>13:47 |
|----|----|--|---|-----|----|---------------------|
| L4 | 1  | "10566955"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/04/27<br>13:48 |
| L5 | 2  | (((growth near3 surface) and (window or opening) and (average near3 extent) and ((varying or different) near3 form\$1 near4 open\$4 near3 (window or opening))).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/04/27<br>13:54 |
| L6 | 0  | (growth near3 surface) same windows same ((vary\$3 or different\$3) near3 (open\$3))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/04/27<br>15:08 |
| L7 | 82 | (growth near3 surface) same windows same (vary\$3 or different\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/04/27<br>15:08 |
| L8 | 22 | (growth near3 surface) same windows same (vary\$3 or different\$3) and (singulat\$3 or dice or cutting)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/04/27<br>15:09 |

| L9 | 3  | (growth near3 surface) same windows same (vary\$3 or different\$3) and (singulat\$3 or dice or cutting) and transmissive same (conduct\$4 or contact \$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/04/27<br>15:09 |
|----|----|---|---|-----|-----|---------------------|
| SI | 46 |   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>11:49 |
| S2 | 1  | ("6903379").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>12:48 |
| S3 | 1  | ("6563139").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>12:49 |
| S4 | 1  | ("7205578").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>12:53 |
| S5 | 1  | ("7291509").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>13:04 |
| S6 | 1  | ("20050003572").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>13:08 |
| S7 | 0  | ("methodforfabricatingapluralityofsemiconductorchips.ti.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2008/11/04<br>13:38 |
| S8 | 0  | method of fabricating a plurality of semiconductor chips.ti.  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2008/11/04<br>13:39 |
| S9 | 1  | "10319573.4"  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2008/11/04<br>13:40 |

| S10 | 5031   | metal near5 organic near5 (vapor or phase) near5 epitaxy | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:00 |
|-----|--------|--|-----------------------------------|-----|-----|---------------------|
| S11 | 154242 | ("438"). CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>14:00 |
| S12 | 328387 | ("257"). CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>14:00 |
| S13 | 3664   | S10 and (S11 or S12)                                     | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:00 |
| S14 | 707    | \$13 and opto\$10  | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:01 |
| S15 | 681    | \$14 and grow\$3   | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:02 |
| S16 | 266    | S15 and mask   | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:02 |
| S17 | 46     | S16 and electromagnetic                                  | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:04 |
| S18 | 78     | S16 and radiation  | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:04 |
| S19 | 96     | S17 or S18   | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:04 |
| S20 | 63     | S19 and planar\$7  | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:06 |
| 321 | 46     | S20 and (refractive or index)                            | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:07 |
| S22 | 31     | S20 and refractive                                       | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>14:07 |
| S23 | 1      | ("7151283"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>16:04 |
| S24 | 1      | ("7126162").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>16:05 |
| S25 | 1      | ("7026657").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>16:06 |

| S26 | 0    | Methods for the Production of Luminescent Diode Chips and Luminescent Diode Chip.ti. | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>16:13 |
|-----|------|--|-----------------------------------|-----|-----|---------------------|
| S27 | 0    | A method of making LED chips.clm.  | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>16:15 |
| S28 | 1    | (method near2 making near2 LED near2 chips).clm.                                     | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>16:16 |
| S29 | 1    | ("6100104").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>16:20 |
| S30 | 40   | ("5013682"   "5284791"   "5478774").PN. OR ("6100104").URPN.                         | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2008/11/04<br>16:20 |
| S31 | 1    | ("6858881"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>16:23 |
| S32 | 1    | ("20010007242"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/04<br>16:36 |
| S33 | 1    | ("6255198").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2008/11/05<br>09:46 |
| S34 | 1    | ("5693962").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/04/22<br>09:32 |
| S35 | 1    | ("6110277").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/04/22<br>09:36 |
| S36 | 6029 | semiconductor near3 layer and optoelectronic   | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/04/22<br>10:05 |
| S37 | 786  | ((438/26), COLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/04/22<br>10:05 |
| S38 | 34   | S36 and S37  | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/04/22<br>10:05 |
| S39 | 34   | hitoshi near1 sugiyama   | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/04/22<br>11:11 |
| S40 | 25   | ohashi near1 kenichi   | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/04/22<br>11:12 |

| S41 | 10    | S39 and S40                                 | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/04/22<br>11:12 |
|-----|-------|---|-----------------------------------|-----|-----|---------------------|
| S42 | 1     | ("6100104").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/04/22<br>12:07 |
| S43 | 0     | (extream\$3 near5 small near5 window)       | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/10/26<br>14:11 |
| S44 | 10581 | (438/22-47,956). CCLS.                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/26<br>14:11 |
| S45 | 14952 | (257/13,79-103).OCLS.                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/26<br>14:12 |
| S46 | 11608 | (257/E51.018-E51.022,E33.001-E33.077).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/26<br>14:13 |
| S47 | 0     | (mirco\$5 near5 small near5 window)         | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/10/26<br>14:13 |
| S48 | 23743 | small near5 (openening or window)           | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/10/26<br>14:14 |
| S49 | 127   | S48 and (S44 or S45 or S46)                 | US-PGPUB;<br>USPAT; USOCR         | ADJ | ON  | 2009/10/26<br>14:14 |
| S50 | 1     | ("20070164306"). PN.                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/26<br>14:41 |
| S51 | 1     | ("20070034880").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/26<br>15:19 |
| S52 | 1     | ("5659184").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/26<br>15:34 |
| S53 | 1     | ("5659184").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/27<br>08:44 |
| S54 | 1     | ("20070164306"). PN.                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO | OR  | OFF | 2009/10/27<br>09:31 |

| S55 | 1      | ("20070034880").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/04/20<br>11:45 |
|-----|--------|---|---|-----|-----|---------------------|
| S56 | 1444   | (print\$3 near3 circuit near3 board) and PCB same transformer | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:24 |
| S57 | 130559 | ("324"). CLAS.  | US PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/04/20<br>14:24 |
| S58 | 160    | S56 and S57   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:24 |
| S59 | 998    | (438/26).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/04/20<br>14:28 |
| S60 | 2      | S59 and transmissive same electromagnetic same radiation      | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:29 |
| S61 | 16     | S59 and transmissive same radiation                           | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:30 |
| S62 | 14061  | transmissive same radiation                                   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:49 |
| S63 | 1803   | transmissive same radiation same electromagnetic              | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:49 |
| S64 | 397588 | (("438") or ("257")).CLAS.                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/04/20<br>14:50 |
| S65 | 155    | S63 and S64   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2010/04/20<br>14:50 |
| S66 | 1      | ("20070034880"). PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>09:21 |
| S67 | 3      | (("6100104") or ("5659184") or ("6110277")).PN.               | US PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>09:25 |
| S68 | 954    | (hageman).in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>11:08 |

| S69 | 6      | (haffouz).in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>11:08 |
|-----|--------|---|---|-----|-----|---------------------|
| S70 | 124    | (kirilyuk).in.  | US PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>11:12 |
| S71 | 264    | (macht).in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>11:12 |
| S72 | 19     | (weyher).in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>11:12 |
| S73 | 37653  | (vary\$3 or chang\$3 or adjust\$3 or different) near4 (open\$3 or window or trench) near5 (siz\$3 or shape) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>13:17 |
| S74 | 410611 | (("438") or ("257")).CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>13:18 |
| S75 | 1744   | S73 and S74   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>13:18 |

| S76 | 310  | ((vary\$3 or chang\$3 or adjust\$3 or different) near4 (open\$3 or window or trench) near5 (siz\$3 or shape)) and ((broad\$2 or larg\$2) near4 (emission or spectrum))        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/09/13<br>13:34 |
|-----|------|---|---|-----|----|---------------------|
| S77 | 27   | S74 and S76   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/09/13<br>13:35 |
| S78 | 13   | ((vary\$3 or chang\$3 or adjust\$3 or different) near4 (open\$3 or window or<br>trench) near5 (siz\$3 or shape)) same ((broad\$2 or larg\$2) near4 (emission<br>or spectrum)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/09/13<br>13:44 |
| S79 | 473  | ((vary\$3 or chang\$3 or adjust\$3 or different) near4 (open\$3 or window or trench) near5 (siz\$3 or shape)) same ((active))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/09/13<br>13:49 |
| S80 | 2443 | ((vary\$3 or chang\$3 or adjust\$3 or different) near4 (open\$3 or window or trench) near5 (siz\$3 or shape)) same ((active near1 layer) or (light))                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/09/13<br>13:50 |
| S81 | 203  | S80 and S74   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/09/13<br>13:51 |

| S82 | 299 | ((vary\$3 or chang\$3 or adjust\$3 or different) near4 (open\$3 or window or trench) near5 (siz\$3 or shape)) same ((active near1 layer) or (light near3 emit\$4)) | US PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>13:51 |
|-----|-----|--|---|-----|-----|---------------------|
| S83 | 92  | S82 and S74  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>13:52 |
| S84 | 27  | S77 not S78  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/13<br>13:52 |
| S85 | 2   | (("20050022725") or ("6100104")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>14:05 |
| S86 | 0   | ("2005/0022725").URPN.   | USPAT   | ADJ | ON  | 2010/09/13<br>14:19 |
| S87 | 1   | ("6924500").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>14:45 |
| S88 | 1   | ("20020117677"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>14:46 |
| S89 | 1   | ("20010038655"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/13<br>16:35 |
| S90 | 506 | (117/104). CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2010/09/14<br>09:14 |
| S91 | 1   | ("20010038655").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>14:42 |

| S92  | 5      | (("20030138983") or ("5985696") or ("5250462") or ("20050022725") or ("20030095737")).PN.       | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>14:46 |
|------|--------|---|---|-----|-----|---------------------|
| S93  | 1      | ("20070034880").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>14:48 |
| S94  | 7      | (statistical\$3 near3 (distribut\$4) same (window or opening)) and grow\$3 and opto\$electronic | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>15:04 |
| S95  | 1      | ("20050022725"). PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>15:08 |
| S96  | 1      | ("5677924").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>15:36 |
| S97  | 196505 | ("438"). CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>16:17 |
| S98  | 392585 | ("257").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>16:17 |
| S99  | 422061 | S97 or S98  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:17 |
| S100 | 29     | (statistical\$3 near3 (distribut\$4) same (window or opening)) and S99                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:17 |

| S101 | 15    | (statistical\$3 near3 (distribut\$4) same (window or opening)) and S99 and @ad<"20040722" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:18 |
|------|-------|---|---|-----|-----|---------------------|
| S102 | 11295 | S99 and opto\$electronic  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:48 |
| S103 | 16    | S102 and grow\$3 same mask same (window or opening) same distribut\$4                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:49 |
| S104 | 3     | S102 and grow\$3 same mask same (window or opening) same statistical\$4                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:51 |
| S105 | 1187  | (438/26). COLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>16:51 |
| S106 | 516   | (117/104).CQLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/18<br>16:51 |
| S107 | 1     | S106 and grow\$3 same mask same (window or opening) same distribut\$4                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:52 |

| S108 | 0      | S106 and grow\$3 same mask same (window or opening) same statistical\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:52 |
|------|--------|--|---|-----|-----|---------------------|
| S109 | 1      | ((growth near3 surface) and (window or opening) and (average near3 extent) and (statistically near3 (window or opening)) and singulat\$4).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/18<br>16:54 |
| S110 | 196505 | ("438"). CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/01/19<br>09:23 |
| S111 | 44919  | growth same (window or opening)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/19<br>09:24 |
| S112 | 5687   | growth same (window or opening) same semiconductor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/19<br>09:24 |
| S113 | 4      | S112 and statistically near3 distributed near3 (window or opening)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/19<br>09:28 |
| S114 | 1909   | 438/26   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/19<br>09:31 |

| S115 | 887 | 117/104             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/01/19<br>09:31 |
|------|-----|---------------------|---|-----|-----|---------------------|
| S116 | 1   | ("5677924").PN.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/04/27<br>10:41 |
| S117 | 4   | "2002017369"        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/04/27<br>10:51 |
| S118 | 1   | ("6852161").PN.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/04/27<br>10:52 |
| S119 | 1   | ("20070034880").PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO                                       | OR  | OFF | 2011/04/27<br>11:02 |

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